

Collection no. 175

K. H. L. Key & party

GLAMIS

DUPLICATE

CARBON BOOK

(Octavo Size)

Northern S. Aust. & S.E. Northern
Territory. 12. ix. - 3. x. 1972

100 Leaves in Duplicate

NUMBERED

Flexiflat

THERMO-PLASTIC BOUND

Collection no. 175

K.H.L. Key & party
12.ix. - 3.x. 1972

Northern S. Aust.
& SE. Northern
Territory.

12/9

1167.6. Treeless flat plain with brown
^{Morabine sp. P1086} self-mulching soil. Grasses, Poasia
spp. & shrubby composite to 0.3 m.
Keyacris on last.

168. 44-mile peg from Hay.

213.2. Turn-off to Hay (service station,
S. Hay.

13/9

1571. Gently undulating. Brown soil,
^{Cratilepus sp. 2, Morabine sp. P29} concretionary limestone on surface.
Atriplex vesicaria to 0.3 m, a spiny
Acacia to 0.75 m, grasses & bassia.

1572.5. Turned off to Boura on outskirts
of Morgan.

592.7 Turn off to Mt. Mary left.

597.2 Turn off to Robertson left.

597.7. The Burns Hs.

14/9. On road from Hawker north

1798.6. Rolling rocky hills & small
Cupressa *teptace*, *Azelota* *dive* *ripes*,
 steep creek on brown sandy loam.
Apotropis *aittata*, *Cratilopus* *sp. 1*, *Caperrala*
Zygophyllum *sp.* to 0.2 m, *Kochia*
sp. 1, *morabine* *sp. P142(?)*
pyramidata to 0.6 m, *malvaceae* to
 0.6 m, *see* *Rhagodia*, *Bassia* &
Solanum *sp.* to 0.1 m, *Stipa* *sp.* to
 0.2 m & smaller grass to 0.1 m, *see*
Acacia *sp.* in creek.

1801.8. Road in from left. Nookina
 Creek.

1802.3. Wano Karmins.

1808.9. Road across at angle

1812.1. Track in from left.

1813.1. ~~Memmerna~~ *Memmerna* *ruins*

1816.0. ~~Memmerna~~ *Memmerna* *ruins*.

Caperrala *sp. 1*, *Monistia* *discrepans*,
 Stony hills & small creeks on brown
Azelota *dive* *ripes*, *Apotropis* *aittata*, *Genus*
 sandy loam. *Acacia* *victorial* to
 3 m in cracks, *Kochia* *sedifolia* to 0.3 m
Bassia *sp.* to 15 cm, sparse grasses,
 bare ground with scattered stones &
 gravel. *A. gutt.* from Hoboken north.

1818.4. Morolana Creek. Road in from left.

1818.9. Road to right to Wilpema Gorge

1826.1. Sandhill with brown sand, *Calliterys variegata*, *Urosiella rubropunctata* bearing *K. Pyramidata* on slopes, with *Bassia* spp. & a few patches of acacia (?) limestone concretions.

Summit with a broom-like legume to 0.5 m, mainly dead. Bare sand.

A few *Heterodendron* on summit.

Chort., *Apotropis vittata*.

1826.4. Fence. Road off to right.

1828.2 Road off to right.

1829.7 Kunigeroo CK.

1831.0. Nearly flat plain with brown *Cupressus* *Acacia*, *Macrolophosia* sp. (G.) fine sandy loam bearing large patches of gibbers $\frac{1}{2}$ - 4 in. *Bassia* spp. & *Atriplex* spp. relates low fobs to 9 in, occ. patches of a composite with mauish flowers to 10 cm, much bare ground. Scattered *Acacia* *Arctostaphylos*.

1832. 6. New railway joins in.

1834. 1. Brachina Siding.

1834. 7. Brachina Creek. (overflows on top)

1836. 3. Brachina Cr. Turn off to
Brachina Lough.

1841. 3. Commodore R.S.

1844. 1. Fence.

1846. 7. Fence

1847. 0. Gentle undulating plain with
Cupressus testacea
fine brown sandy loam & large patches
of gubbers. *Atriplex vesicaria* & *Bassia* spp.
to 0.25 m, some sparse grass.

1849. 0. Parachina

1851. 2. Fence

1853. 1. New line near left.

1855. 3. Fence.

1858. 3. Blackfellows Creek.

1863. 4. Breakfast Time Cr. Broad
Cyperus sp. 1
stony creek with *E. camaldulensis*
to 50 ft & scattered *Kochia* & *Rhagodia*
spp. to 0.5 m, flanked by flat plain

with a network of gibber patches,
stones to 6 in. *Atriplex* & *Bassia* spp.
to 0.3 m. *Apotropis vittata*, Quart. Pygma
seriatus.

1866.2. River.

1868.7. Very broad shallow depression,
Cyperus sp. 6 among hills.
with brown sandy bank Sea lilies

Acacia acutifolia to 2m, with *Kochia*
& *Atriplex* spp. & *urtic* hop to \pm 0.5 m.

Large areas of fine dark brown gravel
& others of stone up to 6 in but not
dense.

1869.1. Fence

1870.1. Steep limestone rocky hill, with
Cyperus sp. 1, *Apotropis vittata*,

K. sedifolia & *Atriplex* *uscaria* to

Cyperus sp. *festacea*
0.3 m, *K. spp.* & *Bassia* spp. to 0.2 m.

brown soil, much flat stone & fine
flaky gravel. Dec. *urtic* hop.

1872.1. Cross roads.

1872.3. Creek.

1872.8. Beltana P.O.

1880.0. Fence.

1880.8. Puttapa well. Steep & wry
Azodora diversipes, *Cuperrala* sp. 1
 rocky hillsides with *K. sedifolia* & *A.*
Bupleurium sp. 2 (j.), *Sphingonotus erythrophorus* (j.),
 vesicaria to 0.2 m well spaced. Occ.
Cuparossa ~~sp.~~ *testacea*
 mulga on ridge & *Casuarina melaleucoides*
 at base in creeks. *Bassia* sp. at least
 to 15 cm., occ. *Eremophila* sp. to 0.6 m.

1883.1. Crossing of new railway line.

1884.7. Road off to right (Puttapa?)

1886.0. Cross under power line.

1888.0. Enme Creek.

1889.0. Windy Creek Reserve. Broad Creek
Cuperrala sp. 1, *Cuparossa testacea*,
 with *E. carmichaelensis* to 50 ft. Sandy &
Pycnospectrum striatum, *Bupleurium* sp. 2,
 gravelly bed with *unls* *hops*, & mesophytic
Apocynum vittata, *Morabine* sp. P203
 plants, leading to *Casuarina* sp. to
 20 ft on steeply sloping banks bearing
Bassia spp. & *Kochia* spp. to 0.2 m,
 & finally to a steep rocky slope with
 well spaced mulga, *Eremophila*
 both to 2 m,
frelingii (?) (spec.) & *E. sp.* (pink) / & occ.
Cassia sp. & other shrubs. *Morabine*

mainly on *E. freelingii*.

15/9.

1889.0 Windy Creek depart.

1894.2 Copley

1900.0 Leigh Creek. *Austraeris guttulosa*

1902.0 Leigh Creek depart. sparse

1916.5 Low stony hills with *K. sedifolia*
Apotroxis vittata
 to 0.2 m & *Bassia* spp. to 0.1 m. Pale brown
 sandy loam. *E. freelingii* & *Sodanalea* sp.
 in gullies & occ. *Stipa* sp. to 0.1 m. Very
 dry.

1917.5 Lyndhurst.

1917.9 = 1917.5

1930.2 Crossed old railway.

1933.0 Broad swampy floodway with
Cyperus sp. 1, *Umsiella rubropunctata*
Atriplex nummularia & *A. sp.* both to 1 m,
 occ.
 damp mire patches, annual *Atriplex* & *Bassia*
 sp., much bare pale brown fine sandy loam.
 Leading to red sandhill with much same
 vegetation. *Umsiella* on sandhill,
Sphingonotus on coarse sand of main

channel of watercourse.

1935.2 Tanna.

1936.4 Turn off to Welpaomina Sta.

1946.4. Brown sandy loam to loam
Cappuccina testacea, *Caperrala* sp. 1,
 nearly flat plain, with large patches
Corymbistes ruficollis, *Amisa gutturosa*,
 of gubers. *Cassia* sp. to 1.5 m, with
Chortaisetes tenuifera, *Qualitza maculata*,
Trematophila sp. to 0.5 m in lower areas,
Genus nov. 4 sp. 1, *Calliterra variegata* (f.)
 with *Bassia* spp., *Atriplex* spp. & other
 plants to 0.2 m; grass, in patches fairly
 dense, but mainly dead, to 15 cm. ^{right}

1953.1. Turn off to Mundowna on left

1961.1. Depression with pale grey-brown
Caperrala sp. 1, *Coniaca australasica* (f.)
 fine sandy loam. *Utraria schöcheri* to
 & *Atriplex*
 0.5 m with patches *Bassia* spp. to 10 cm
Shipa sp. to 20 cm. Dec. patches sparse
 stone.

1962.6. Fence.

1964.4. Road to Mundowna Sta to right.

1969.6. Junction with Birdsville track.

1970.3. Marree

1972.4 = 1969.6

1974.1 The Frame flood plain.

1975.6 - Main channel. Camp.

1979.

1982.6 - Fence

1985.5 - Watercourse.

1988.6 - Watercourse.

1991.3 - Nor' East Cliff. Flat-topped hill
Artemisia guthrieana (steep rocky *Artemisia*
 ca. 150 ft, rocky top & sides, north-east
rubropunctata, *Senecio* nov. 4 sp. 1 (j.)
 side mainly brown sand; also surrounding
 gibber plain with extensive areas
 of stone & gravel. *Bassia* spp. v
Atriplex sp. to 8 in, occ. heavily browsed
 succulent shrublets to 10 in, dead grass
 in patches to 8 in.

1991.9 - Lake Harry 1.5.

1999.8 - Dog fence.

2006.0 - River Clayton. Coolibah to 30 ft
Apotropis vittata, *Pycnosotius variatus*.
 along channel. Sandhills with brown
Senecio nov. 4 sp. 1, *Artemisia* sp. 4
 sand, *Leptochloa* & *Heteraria* to 1 m,
 scattered *Acacia* sp. to 1.6 m. On flat
 extensive patches of polished stones,

on brown sand, with *Bassia* spp. &
a few-leaved "Helichrysum" to 10 cm.
patches of dead grass to 4 m. in width.

A. gutt., Chort.

009.1. Fence.

012.2. Tongue of Pan.

026.3. *Salpichthys* Creek. On wet bank

along creek. The ground is covered with

fine brown sand & numerous small stones

in clumps of dry *Scleranthus* to 2 ft. &

occ. some grass. See *Helichrysum* spp.

1-2 m. Rocks in creek, occ. patches

large stones. A. gutt., Chort., Macrolophos.

Macrolophos sp. 1

032.7. Wet ground.

034.9. Well on left.

036.0. Depression between two pools brown

Reynoldsia series two, *Scleranthus*
sp. & *Helichrysum* in the same grass. Self-sown *Helichrysum*

flavovittatus
deeply cracked soil in center, leading

to compact mud margins. Scattered

Helichrysum *flavovittatus* & *Chort.*

alluvium to 1 mi; lignum to 0.6 mi; and
 forks of many species, including nettles,
 & chenopods, & "Helichrysum" to 10 in. All

very green.

204.1 *Ceanothus* *Wandelliana*.

247.1 Flat plain with fine brown soil.
C. sp. 1, *Callitriche variegata*,
 & *Chenopodium* fine, subles. *Chenopodium*,
Chenopodium *ternstroemia*
 & *Chenopodium* to 10 in.

251.6 *Stadleria* U.S.

252.0 Back on main road.

261.6 Camp of 1000 ft. plain.

261.7 Camp.

17/4

261.7 Camp.

263.6 Lake on right, from channel of
 Gopher.

264.0 Road in from right ("flood road").

264.3 Road in, between hills.

265.9 Survey marked.

268.2 Road to "camp".

21.8.4. Turned left for Gwamie.

III, 3. Koll. - 1000. 1000.

Feb. 10, 1904, 5/16 with - yellow
brownish 14

other shins blts to 20 cm.

Hakea sp. v. *Acacia*

1. The ^{to 20} people ^{came} grain to 100,

the water, the time being of the day, the

... ..

1263 *Quercus*

10/3. *Amelanchier* (1)

1900-1901

Phyllanthus *strobilatus* (Lam.) Cogn.

1000

1857. T. 1000. (1000) 1000.

157.7 take:

40.4. Casare 115.

sub. 7. *Kalamonia*. Kibom.

Peromyscus

[Faint handwritten notes at the bottom of the page]

senatus, Aiolopus thalassinus

depression with 10-ft-deep holes.

is about 30 ft. open, legum. to

1.5 m. *Bassia* spp. to 1 m.

1.5 m. *Bassia* spp. to 0.2 m.

Adjacent mowing sandhill with

legum. to 0.7 m. & between the

two is a small depression to 1 m. deep.

most probably by cattle.

195.6. *Bassia* spp.

195.6. *Bassia* spp.

195.7. *Bassia* spp.

Bassia spp.

22011. *Bassia* spp.

209.7. *Bassia* spp. to 1 ft.

209.8. *Bassia* spp. to 1 ft.

209.9. *Bassia* spp. to 1 ft.

209.10. *Bassia* spp. to 1 ft.

209.11. *Bassia* spp. to 1 ft.

209.12. *Bassia* spp. to 1 ft.

209.13. *Bassia* spp. to 1 ft.

209.14. *Bassia* spp. to 1 ft.

209.15. *Bassia* spp. to 1 ft.

209.16. *Bassia* spp. to 1 ft.

209.17. *Bassia* spp. to 1 ft.

159.2. Longer when S. is up?

259.7. Waterman

261.9. Ditto.

262.0. Bend sharp right.

267.6. Clifton Hall H.S. to right.

272.5. Road in from left. Corner of road.
Cape Snyder's Lagoon plain.

272.9. Note.

270.9. Take left fork.

278.5. Turned off to left.

278.7. Ditto

277.3. Turn round.

275.4. Turn on road to the N. H.

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275.4 = 275.5.

275.4

- 278.5 = 278.5.
299.4 Turned left to right. 4 turns
 Camp left to right.
300.0 Turn right between ————
310.2 Turned right.
320.1 Turned right.
329.0 Bend left round sandhill
330.5 made hole on right.
334.2 Kelp plain with pale beige *Pyrenostichus serotinus*
 and *Pyrenostichus serotinus* self-mulching.
 densely spaced *Pyrenostichus* to 4 m, one
 to 1 m, "bacteria" sp to 0.3 m, dead
 remnants of animal *Atriplex* sp. & other
 herbage.
337.3 Turned right for other sources.
331.5 Turned right (now).
335.6 Rejoin B. track.
335.7 Turned left.
339.6 "Private" notice. Bend left.
340.0 Turn right between ————
342.8 Turned 180°/2. SE.

June 2, T. and J. W.

Aug. 7. 5. Frank Jun. 1862.

[illegible]

1910-11-10, 11-12

[illegible]

A. ruber - small brown
looking like brown.

Box 3. Some papers of the late
Cape Cod and New England
with some of the same.

21/9

673. n. *Barua* *prof.*

Apr. 2. Turn off to Makara on left.

102.0. Calamagrostis

Fig. 1. Low rose with large, round, heavily
papillose leaves. Druetella *var. papillosa*,
common in the same place as *var. glabra*.
Unusually *var. papillosa* is common in
a colony below it.

shrublets, both to 0.2 m, acc. *Isocarpha* *...*
(?) to 0.1 m, acc. *Isocarpha* *...*

[Faint handwritten notes]

711.5. *Homocidus* *sp. nov.*

Part 1. Camp home. Left.

286. *Myrica* 22

1/10/10. 10.10.10.

711.1. *Amphipoda* *Hy. m. 1.*

711.2. *Amphipoda* *Hy. m. 1.* *Hy. m. 1.*

711.3. *Amphipoda* *Hy. m. 1.*

711.4. *Amphipoda* *Hy. m. 1.*

711.5. *Amphipoda* *Hy. m. 1.*

711.6. *Amphipoda* *Hy. m. 1.*

711.7. *Amphipoda* *Hy. m. 1.*

711.8. *Amphipoda* *Hy. m. 1.*

711.9. *Amphipoda* *Hy. m. 1.*

711.10. *Amphipoda* *Hy. m. 1.*

711.11. *Amphipoda* *Hy. m. 1.*

711.12. *Amphipoda* *Hy. m. 1.*

711.13. *Amphipoda* *Hy. m. 1.*

711.14. *Amphipoda* *Hy. m. 1.*

711.15. *Amphipoda* *Hy. m. 1.*

711.16. *Amphipoda* *Hy. m. 1.*

711.17. *Amphipoda* *Hy. m. 1.*

711.18. *Amphipoda* *Hy. m. 1.*

711.19. *Amphipoda* *Hy. m. 1.*

711.20. *Amphipoda* *Hy. m. 1.*

711.21. *Amphipoda* *Hy. m. 1.*

leaving them as fresh as I partly green.
some of mainly A. - common &
sp. to be in our self-melting
solid.

22. 11. 1919.

Sept 3. 1891. Collected in the park
near the lake. - same as before.

27.5. 1941 to 28.5. 1941. P. 16 to 17. P. 16

1890. 1. 11. On the ground.

1871. Dec. 1. 1871.

Feb. 2 1896.

50.7. 1941

82. ...

Therapsites Comp.

200. 200.

Dec. 11. 1891. 1891

Syntherisma

10.5. 1944.

325 1 2

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

Austroripis

... to ...
 ... to ...
 ... adjacent ...
 ... sp. ...
 ... under rock.

226.8. Creek

226.9. Creek

227.5. Creek

227.2. Creek ... kinds ...

227.7. Creek

... adjacent ...
 ...
 ...
 ...

... grass ...
 ...

228.9. Creek ...

229.7. Creek

229.1. Creek

230.6. Creek

...
 ...
 ...

70.1. Red with some frable soil &
 heavy clay. Spacing approx. 10 ft.
 yellowish soil, also has bearing 2.
 70.2. Sample, 7 basins to 0.4
 in leading to low flat top of hill
 with some slight low basins on side
 of hill bearing 2. Another sp. to
 4 in with long silty nodules; also
 flat with some nodules (3) of a
 bearing (10 ft. gallo) to 200. Sp. 10 ft.

Notes

71.2. Vase & muddy from rain. Very
 wet. Touch intercourse & main sh.
 right on 1 in thick.

91.3. Red right away from water.

91.1. Cross sandhill. Rain on left.

92.0. Lake Creek crossing.

92.7. Creek.

92.9. Cross ridge.

92.2. Hypochlorite ridge (100 ft.)

92.2. The basins on the hill.

92.4. Cross the ridge.

3935.0. Wetland area at Wenden Spring

944.3. Int. Dutton sedge.

944.0. Blind left.

946.4. Turn round.

947.7. Turned off to left. CAMP.

Callitriche var. *laevigata* (L.) B.S.P.
sandhills & interspersed

scattered in wetland area

low, green, plants 11 spp. (2) to 5m.

Cassia sp.
the *fruticosa* is 2m, *sericea* sp. 1m

leaves to 10cm, *sericea* sp. 1m

find on sandhills in patches.

948

949.1 = 948.0

949.4. 1m

949.5. 1m

951.6. Low wetland area

951.6. Rolling gibber downs on brown
Chortolista *sericea* (L.) B.S.P. 3m

leaves. Great variety of colour & size
morabine sp. (S.) Small, *sericea* sp. 1m

sericea sp. 1m, *sericea* sp. 1m, *sericea* sp. 1m

sp. 1m, *sericea* sp. 1m, *sericea* sp. 1m

sp. 1m, *sericea* sp. 1m, *sericea* sp. 1m

pale sand with *A. vesicaria* & *A.*
sp. Small grasshopper on bare stone

755.2. Creek

959.9 Allandale H^g Dept. 2008

Genus nov. 72 p. 3

High tops of hills -

Perminifera

Bank of the ~~hundred~~ T. Chamber. Al.

& has size to 0.2 m. @ 100% ...

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

leaves E. ca. 1000-1500; E. ca. 1000-1500

1875

A. cambogi to 15 ft.

4. Cambridge to 10 p

966.9. Stony Creek.

106-9. Arthur. 1870.

972.1. Oodnadatta.

1/2-1. Bodnadatta.

973.7. Indira'datta depast.

973.7. Boduradapth. 11

274.6. Tons on left.

174.6 ... 160000 on Sept.

178.6. 2005/10/10

75.0. 1900

778.4 Road off to left

178.4: Road off to left

219.1 Track off to right. One

LL2.1. Track app to report

787. C. M. H.

[Faint handwritten notes]

1919 Road up to 1110 To 1200 ft.

1919. 9. 12. 1919. 9. 12. 1919. 9. 12.

787.3 *Lychnis*

187-3 *Conch*

1895: Crk.

1911

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$. It is shown that the solutions of the system (1) are bounded and tend to zero as $t \rightarrow \infty$ if the matrix A is stable. The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$ if the matrix A is not stable. It is shown that the solutions of the system (1) are unbounded and tend to infinity as $t \rightarrow \infty$ if the matrix A is not stable.

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

2000

Exp. 1. 1. 1. 1.

1917

Ch. 2. 5. 14.

May 5, 1900

En 5.3 The Affine

D. *Amisicella* sp. n., *V. nictipennis*, *Cassia* sp.
Hakea l. *capitata* to 5m, *Eucalyptus*
ov. 95 ochracea, *Ulmus* sp. *guttata*
to 2m, *Picea* sp. *Abies*

L. dim, scattered

to 15 cm.

0135. 2 1/2" long clay pen.

all of the things from the

1000. *As. f. cap. v. 1000.*

and is still having widely spread
all over the country to 2m. Thinner of
the influence of the frequent use.

leaves, small grass tussocks to be seen

25.5 Hawthorn A.

25.7 Road in from right

25.8 Road in from right, 1.5 km. S. from 25.7
 25.9, 26.0, 26.1, 26.2 (f.)
 26.3, 26.4, 26.5, 26.6, 26.7, 26.8, 26.9, 27.0
 27.1, 27.2, 27.3, 27.4, 27.5, 27.6, 27.7, 27.8, 27.9, 28.0
 28.1, 28.2, 28.3, 28.4, 28.5, 28.6, 28.7, 28.8, 28.9, 29.0
 29.1, 29.2, 29.3, 29.4, 29.5, 29.6, 29.7, 29.8, 29.9, 30.0
 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, 31.0
 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 31.7, 31.8, 31.9, 32.0
 32.1, 32.2, 32.3, 32.4, 32.5, 32.6, 32.7, 32.8, 32.9, 33.0
 33.1, 33.2, 33.3, 33.4, 33.5, 33.6, 33.7, 33.8, 33.9, 34.0
 34.1, 34.2, 34.3, 34.4, 34.5, 34.6, 34.7, 34.8, 34.9, 35.0
 35.1, 35.2, 35.3, 35.4, 35.5, 35.6, 35.7, 35.8, 35.9, 36.0
 36.1, 36.2, 36.3, 36.4, 36.5, 36.6, 36.7, 36.8, 36.9, 37.0
 37.1, 37.2, 37.3, 37.4, 37.5, 37.6, 37.7, 37.8, 37.9, 38.0
 38.1, 38.2, 38.3, 38.4, 38.5, 38.6, 38.7, 38.8, 38.9, 39.0
 39.1, 39.2, 39.3, 39.4, 39.5, 39.6, 39.7, 39.8, 39.9, 40.0
 40.1, 40.2, 40.3, 40.4, 40.5, 40.6, 40.7, 40.8, 40.9, 41.0
 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8, 41.9, 42.0
 42.1, 42.2, 42.3, 42.4, 42.5, 42.6, 42.7, 42.8, 42.9, 43.0
 43.1, 43.2, 43.3, 43.4, 43.5, 43.6, 43.7, 43.8, 43.9, 44.0
 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 44.8, 44.9, 45.0
 45.1, 45.2, 45.3, 45.4, 45.5, 45.6, 45.7, 45.8, 45.9, 46.0
 46.1, 46.2, 46.3, 46.4, 46.5, 46.6, 46.7, 46.8, 46.9, 47.0
 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.0
 48.1, 48.2, 48.3, 48.4, 48.5, 48.6, 48.7, 48.8, 48.9, 49.0
 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, 49.9, 50.0
 50.1, 50.2, 50.3, 50.4, 50.5, 50.6, 50.7, 50.8, 50.9, 51.0
 51.1, 51.2, 51.3, 51.4, 51.5, 51.6, 51.7, 51.8, 51.9, 52.0
 52.1, 52.2, 52.3, 52.4, 52.5, 52.6, 52.7, 52.8, 52.9, 53.0
 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7, 53.8, 53.9, 54.0
 54.1, 54.2, 54.3, 54.4, 54.5, 54.6, 54.7, 54.8, 54.9, 55.0
 55.1, 55.2, 55.3, 55.4, 55.5, 55.6, 55.7, 55.8, 55.9, 56.0
 56.1, 56.2, 56.3, 56.4, 56.5, 56.6, 56.7, 56.8, 56.9, 57.0
 57.1, 57.2, 57.3, 57.4, 57.5, 57.6, 57.7, 57.8, 57.9, 58.0
 58.1, 58.2, 58.3, 58.4, 58.5, 58.6, 58.7, 58.8, 58.9, 59.0
 59.1, 59.2, 59.3, 59.4, 59.5, 59.6, 59.7, 59.8, 59.9, 60.0
 60.1, 60.2, 60.3, 60.4, 60.5, 60.6, 60.7, 60.8, 60.9, 61.0
 61.1, 61.2, 61.3, 61.4, 61.5, 61.6, 61.7, 61.8, 61.9, 62.0
 62.1, 62.2, 62.3, 62.4, 62.5, 62.6, 62.7, 62.8, 62.9, 63.0
 63.1, 63.2, 63.3, 63.4, 63.5, 63.6, 63.7, 63.8, 63.9, 64.0
 64.1, 64.2, 64.3, 64.4, 64.5, 64.6, 64.7, 64.8, 64.9, 65.0
 65.1, 65.2, 65.3, 65.4, 65.5, 65.6, 65.7, 65.8, 65.9, 66.0
 66.1, 66.2, 66.3, 66.4, 66.5, 66.6, 66.7, 66.8, 66.9, 67.0
 67.1, 67.2, 67.3, 67.4, 67.5, 67.6, 67.7, 67.8, 67.9, 68.0
 68.1, 68.2, 68.3, 68.4, 68.5, 68.6, 68.7, 68.8, 68.9, 69.0
 69.1, 69.2, 69.3, 69.4, 69.5, 69.6, 69.7, 69.8, 69.9, 70.0
 70.1, 70.2, 70.3, 70.4, 70.5, 70.6, 70.7, 70.8, 70.9, 71.0
 71.1, 71.2, 71.3, 71.4, 71.5, 71.6, 71.7, 71.8, 71.9, 72.0
 72.1, 72.2, 72.3, 72.4, 72.5, 72.6, 72.7, 72.8, 72.9, 73.0
 73.1, 73.2, 73.3, 73.4, 73.5, 73.6, 73.7, 73.8, 73.9, 74.0
 74.1, 74.2, 74.3, 74.4, 74.5, 74.6, 74.7, 74.8, 74.9, 75.0
 75.1, 75.2, 75.3, 75.4, 75.5, 75.6, 75.7, 75.8, 75.9, 76.0
 76.1, 76.2, 76.3, 76.4, 76.5, 76.6, 76.7, 76.8, 76.9, 77.0
 77.1, 77.2, 77.3, 77.4, 77.5, 77.6, 77.7, 77.8, 77.9, 78.0
 78.1, 78.2, 78.3, 78.4, 78.5, 78.6, 78.7, 78.8, 78.9, 79.0
 79.1, 79.2, 79.3, 79.4, 79.5, 79.6, 79.7, 79.8, 79.9, 80.0
 80.1, 80.2, 80.3, 80.4, 80.5, 80.6, 80.7, 80.8, 80.9, 81.0
 81.1, 81.2, 81.3, 81.4, 81.5, 81.6, 81.7, 81.8, 81.9, 82.0
 82.1, 82.2, 82.3, 82.4, 82.5, 82.6, 82.7, 82.8, 82.9, 83.0
 83.1, 83.2, 83.3, 83.4, 83.5, 83.6, 83.7, 83.8, 83.9, 84.0
 84.1, 84.2, 84.3, 84.4, 84.5, 84.6, 84.7, 84.8, 84.9, 85.0
 85.1, 85.2, 85.3, 85.4, 85.5, 85.6, 85.7, 85.8, 85.9, 86.0
 86.1, 86.2, 86.3, 86.4, 86.5, 86.6, 86.7, 86.8, 86.9, 87.0
 87.1, 87.2, 87.3, 87.4, 87.5, 87.6, 87.7, 87.8, 87.9, 88.0
 88.1, 88.2, 88.3, 88.4, 88.5, 88.6, 88.7, 88.8, 88.9, 89.0
 89.1, 89.2, 89.3, 89.4, 89.5, 89.6, 89.7, 89.8, 89.9, 90.0
 90.1, 90.2, 90.3, 90.4, 90.5, 90.6, 90.7, 90.8, 90.9, 91.0
 91.1, 91.2, 91.3, 91.4, 91.5, 91.6, 91.7, 91.8, 91.9, 92.0
 92.1, 92.2, 92.3, 92.4, 92.5, 92.6, 92.7, 92.8, 92.9, 93.0
 93.1, 93.2, 93.3, 93.4, 93.5, 93.6, 93.7, 93.8, 93.9, 94.0
 94.1, 94.2, 94.3, 94.4, 94.5, 94.6, 94.7, 94.8, 94.9, 95.0
 95.1, 95.2, 95.3, 95.4, 95.5, 95.6, 95.7, 95.8, 95.9, 96.0
 96.1, 96.2, 96.3, 96.4, 96.5, 96.6, 96.7, 96.8, 96.9, 97.0
 97.1, 97.2, 97.3, 97.4, 97.5, 97.6, 97.7, 97.8, 97.9, 98.0
 98.1, 98.2, 98.3, 98.4, 98.5, 98.6, 98.7, 98.8, 98.9, 99.0
 99.1, 99.2, 99.3, 99.4, 99.5, 99.6, 99.7, 99.8, 99.9, 100.0

to 0.3 m. & basses, with

to 0.3 m. but same

more generally distributed.

25.4

25.7 Rain on right

25.8 Creek

25.9 Creek, waterhole to left of road

25.9 Creek

25.6 Creek

25.7 Creek

25.8 to last stop. A. Smith. ^{Cap. 100.00}

25.9 to right. Rain on right

25.9 Creek

25.9 (The house) - 100.00

25.9 to right. 100.00

25.9 to right. 100.00

25.9 to right. 100.00

25.9 to right. 100.00

April 2nd, 1880. Kilduff, Wick. Ireland. 1880

...the

Sample 4: *Salmonella* *Paratyphi* 0.5 m.

Arasida browniana Hens.
Arasida browniana Hens. (1 sample).

ap2.9, $\mu \in \mathbb{R}$ to \mathbb{R}^n .

073.9. Gard on left.

Oct. 2. From 1000

Fig. 5. Tunicate.

Exp. 6 - 10000 ft

757. The Lindsay

076.54 Tao-ku Left book.

109.3. 105 1000

100.1. CAMP. Level gibber 100.1.5

Chlorophyll *a* and *b* in winter; Austracum

Chapman, J. W. 1890. The

Coryphobates niger Latr. *And. niger* Latr.

Hesperia hesperis sp. 1 (?)

Malabesinus, sp. nov. *Asper. incl. Asperula* sp.

1877

Two, a third long 10 ft.

Aug. 1. *Delphinus* - 2nd.

106.8 B.C. & C.K. Davis $\frac{1}{4}$ mi. S.E.

[Faint handwritten notes]

119. 2. Turned sharp R to down.

100.2

100.3

100.4

100.5

100.6

100.7

100.8

100.9

101.0

101.1

101.2

101.3

101.4

101.5

101.6

101.7

101.8

101.9

102.0

102.1

102.2

102.3

10. 1st & 2nd 3' ...
 11. 1st & 2nd 3' ...

12. 1st & 2nd 3' ...

13. 1st & 2nd 3' ...

14. 1st & 2nd 3' ...

15. 1st & 2nd 3' ...

16. 1st & 2nd 3' ...

17. 1st & 2nd 3' ...

18. 1st & 2nd 3' ...

19. 1st & 2nd 3' ...

20. 1st & 2nd 3' ...

21. 1st & 2nd 3' ...

22. 1st & 2nd 3' ...

23. 1st & 2nd 3' ...

24. 1st & 2nd 3' ...

25. 1st & 2nd 3' ...

26. 1st & 2nd 3' ...

27. 1st & 2nd 3' ...

28. 1st & 2nd 3' ...

29. 1st & 2nd 3' ...

30. 1st & 2nd 3' ...

31. 1st & 2nd 3' ...

201. *Andropogon* 4.5.

2.13. *Ammonia* (1911).

1891. April 10-18.

1862. 1863. 1864. 1865. 1866. 1867. 1868. 1869. 1870. 1871. 1872. 1873. 1874. 1875. 1876. 1877. 1878. 1879. 1880. 1881. 1882. 1883. 1884. 1885. 1886. 1887. 1888. 1889. 1890. 1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. 1899. 1900. 1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950. 1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 25

1. *Utricularia* *pyramidalis* *var.* *pyramidalis*
 2. *Utricularia* *pyramidalis* *var.* *pyramidalis*
 3. *Utricularia* *pyramidalis* *var.* *pyramidalis*

Under the
new paper of the

Same as *Hamamelis* up the sea all
the way down. *Hamamelis rubroscin.*

Artemisia tridentata (Gray) Wootton & Standley

Cedrus deodora, Himalayas, India.

Repless in his shopping for me. (What a

10. *Urtica dioica* L. (Nettle)

sp. 11a/9.

from gentle waves - 1960, 1961, 1962

! Takabata, Pycno. s. (f. 11, 12, 13).

fus cin; brownish yellow.

...the ... of the ...

... q. n. n. ...

...

$$f(x) = \frac{1}{2} \left(\frac{1}{x} + \frac{1}{x^2} \right) \quad \text{for } x \in \mathbb{R} \setminus \{0\}$$

... ..

Genus nov. 15. 7. 11.

runs nov. 95 in 17 miles.

3234.4 = 3225.1

3236.6 CAMP. *Campanula* sp. from

Calcareous soil, growing in open
fields, frequent, but also in some
clumps of wood, after rain the leaves
dry. The leaves are extended to about
10 cm in length, but become smaller
frequently & are generally usually
about one third long, all different
degrees of green, some yellowish
parts of plants.

3237.

3237. *Campanula* sp. & *Campanula*
medium to *small*. *Campanula* sp.
are very brown and with white
flowers & are about to 5m & 10m
long. *Campanula* of annual *Campanula*
to 10m & grasses to 6m. No other
plants as at 3225.1. *Campanula*
present in patches only. *Campanula*.

3238. = 3237.1

3239. *Campanula* sp. *Campanula*

The vegetation is a tall, dense
 forest of trees, mostly deciduous, with
 a thick undergrowth of ferns, mosses,
 and other plants. The ground is covered
 with a layer of fallen leaves and
 twigs. The trees are mostly
 10-15 feet high, with some
 reaching 20 feet. The leaves are
 mostly green, with some showing
 signs of autumn color. The
 forest is very dense, with
 little light reaching the ground.
 The air is cool and moist.
 The overall impression is of a
 very old, well-preserved forest.

... ..

32,69.8 CAMP.

12

1. *Salix purpurea* L.
 2. *Salix purpurea* L.
 3. *Salix purpurea* L.
 4. *Salix purpurea* L.
 5. *Salix purpurea* L.
 6. *Salix purpurea* L.
 7. *Salix purpurea* L.
 8. *Salix purpurea* L.
 9. *Salix purpurea* L.
 10. *Salix purpurea* L.

is a part of *Trinoidia* aff. *laurea*
which is common at upper levels
throughout of the *Trinoidia*
series. It is common in *Trinoidia*
avanamunga or *Trinoidia*.

July 2. To-day's early rain.

191 Comp. 0.

Longicauda longicauda,
Corymbus longicauda,
Utricularia longicauda

avg. 114 pounds 172.

[illegible]

in fact from $\sin(\theta) = \frac{1}{2}$ (MATH 1)

2-27 1941 11 10-11-41

37. 17. 1941.

351.51 *Journal of the ...*

1880. Tach. 1000 ft. 1000 ft. 1000 ft.

1881. Tach. 1000 ft. 1000 ft. 1000 ft.
 1882. Tach. 1000 ft. 1000 ft. 1000 ft.
 1883. Tach. 1000 ft. 1000 ft. 1000 ft.
 1884. Tach. 1000 ft. 1000 ft. 1000 ft.
 1885. Tach. 1000 ft. 1000 ft. 1000 ft.

1886. Tach. 1000 ft. 1000 ft. 1000 ft.
 1887. Tach. 1000 ft. 1000 ft. 1000 ft.
 1888. Tach. 1000 ft. 1000 ft. 1000 ft.

1889. Tach. 1000 ft. 1000 ft. 1000 ft.

1890. Tach. 1000 ft. 1000 ft. 1000 ft.

1891. Tach. 1000 ft. 1000 ft. 1000 ft.

1892. Tach. 1000 ft. 1000 ft. 1000 ft.

1893. Tach. 1000 ft. 1000 ft. 1000 ft.
 1894. Tach. 1000 ft. 1000 ft. 1000 ft.
 1895. Tach. 1000 ft. 1000 ft. 1000 ft.

1896. Tach. 1000 ft. 1000 ft. 1000 ft.
 1897. Tach. 1000 ft. 1000 ft. 1000 ft.
 1898. Tach. 1000 ft. 1000 ft. 1000 ft.

1899. Tach. 1000 ft. 1000 ft. 1000 ft.
 1900. Tach. 1000 ft. 1000 ft. 1000 ft.

1901. Tach. 1000 ft. 1000 ft. 1000 ft.

1902. Tach. 1000 ft. 1000 ft. 1000 ft.

1903. Tach. 1000 ft. 1000 ft. 1000 ft.

Minutes of the meeting of May 22
 and the Committee on the
 to 12 in. above the base of the
 to 12 in. above the base of the
 except. P.

257. Found in grass A.

1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. 1899. 1900. 1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950. 1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 2544. 2545. 2546. 2547. 2548. 2549. 2550. 2551. 2552. 2553. 2554. 2555. 2556. 2557. 2558. 2559. 2560. 2561. 2562. 2563. 2564. 2565. 2566. 2567. 2568. 2569. 2570. 2571. 2572. 25

my 250 pounds to the poor L. K.

1891 1892 1893 1894 1895 1896 1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 23

4.2.4. Heavily underlain by sand
stone & g. l. thin, brown, with occasional
thin, more or less, partly dark, by thin
greenish-grey, 95 or 100 ft. thick, superstratum
consists of a magnesian sp. calcareous
sandstone - *crabine* sp. *Pecten* sp. *Mytilus*
sp. *Urosalpinx* sp. *Urosalpinx* sp. *Urosalpinx* sp.
The lower part of the stratum is a
lapped flat-topped hill of heavily
vitrified.

[illegible]

[Faint handwritten notes]

441.7. Hersey's black on 4.

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

1892

1811. Saddles, numerous here mostly
 flat topped hills, with pale brown and
 brownish green slopes & flat with
 large clumps of grass. The grass is
 a mixture of the *crispata* & *serotina* & *serotina*
 the latter being the commoner.

1812. Creek.

1813. mostly *serotina* & *crispata*

1814. Creek.

1815. Creek.

1816. Creek on plain.

1817. Creek on plain.

1818. Creek on plain.

1819. Creek on plain.

1820. Creek on plain.

1821. Creek on plain.

1822. Creek on plain, many small hills.

1823. Creek.

1824. Creek on plain.

1825. Creek (The Hamilton)

1826. Creek with *E. crispata* & *serotina*, &

541.8. Tray. on hill top

541.1. Very gentle undulating surface of red
 sand. *Neckera* (small) to 10 cm.
Umisaguttulosa, *Colletes variegata*, *Formica*
 1.5 m, *Formica* sp. to 10 cm, *Formica*
 nov. 95 ochracea, *Microcola* sp. 8
 sp. abundant, *Salicaria* to 10 cm, *Salicaria*

Erigeron sp. to 10 cm. *Amelanchier* sp.

541.2. Road off to L to *Salicaria* 452

541.8. Caraway. Pine on L.

541.5. Fence. Track off to L.

541.2. Home above Hill top. *Salicaria*
Neckera sp. to 10 cm, *Formica* sp. to 10 cm.
 Hill with brown soil & *Salicaria*.
Pyrostictus sp. to 1.5 m & *Cassia* sp.

to 10 cm. *K. sedifolia* to 0.3 m & *Cassia*

547.1. Fence

547.3. Road off to *Pyrostictus* to 10 cm, *Formica*
 nov. 48 sp. 1, *Ephanta* sp. to 10 cm, *Formica*
 sp. to 10 cm & adjacent sand flat.
Colletes variegata, *Umisaguttulosa*, *Formica*
 red-brown sand. *Cassia* sp. to 10 cm.
 nov. 95 sp. 1, *Formica* sp. to 10 cm, *Formica*
 to 40 ft. with *Pyrostictus*,
Umisaguttulosa, *Pyrostictus* sp. to 10 cm.
 to 4 m. *Formica* sp. to 4 m. *Formica* sp. to 4 m.
Aristida conferta F. Muell.

Tridax sp. *Anshida* sp. to 10 cm, *Formica*
Formica sp. *PW11a/9*
Cassia sp. & *Dodonaea* sp. to 2.5 m.

56.3 June 12.

600.7. Creek crossing a stream to rocky
 hill. E. *Camellia* *laevigata* + E. *Carolinensis*
 6. Soft & long creek, with *Triglochin*
Strophis maculosa sp. 19/22.0
 & other grasses. Hill with *Persea*
Peckia *scabra*, *Desertaria* sp. 2, *Camellia*
A. leucocarpa, *Carissa* sp. 7
seriale, *Centropus* Nov. 5 sp. 4, *Macraea* *strobilacea*
Camellia *laevigata*, with *Triglochin*
Strophis maculosa sp. 19/22.0
 600.8. *Warawunga* on grasses. Hill
 600.9. *Amorpha* *gillii*, *Apocynum* *halimifolium*

600.6 June

600.7 June

607.1 High hills.

602.4 June

610.4. James Range. Shale & rock
Leonida australasica Hoff, *Catappa* *corallipes*
 600.5. with *Neulga* *seriale* sp. 19/22.0
Morabine sp. 19/22.0
Encarnophila *peruviana* sp. 19/22.0 "Tindia"
Plectrachne melvillei C.E. Hubb
 600.6. *Spina* in flower: *Spina* *seriale*
 to flat in gully, with *Camellia* *laevigata*
 600.7. one *E. papuana* to 30ft.
Tindia *basidowii*, *Anetida* sp.,
 600.8. Red brown sand. *Morabine*

on *Arctostaphylos* (1) + the green *Friedia* (2)

P. p. s. minutus fence

667.2 Fence

670.5 Orange Ch.

Monistria pustulifera from Standley
Chasm was on "*Prostanthera* sp. ?" (N.T.B.)
Morabium sp. P16 was ^{thought to be} on *Cymbopogon*
exaltatus (R.Br.) Domin.

Acacia pencei at Andado. The young plant,
of which specimens as small as 12 in.
were located, consists usually of
several main stems branching very rigid,
ridged, acuminate phyllodes significantly
shorter at the base, & forms a formidable
obstacle to any potential browsers. The
adult leaves & terminal branchlets are
pendulous, the leaf longer & cylindrical,
with blunt point. In addition to young
plants, there are many instances of
regrowth of juvenile type from stumps
of quite old trees (6 in. or more diameter)
of only a few feet in height ^{a few cases} of low
lateral juvenile-type shoots from large
trees. Although most adult trees have
a single stem, some have two or
three of equal size. Branching of the
juvenile growth indicates a stem
growth of 2-3 in. between branchings,
& this is presumably the average

annual increment. One tree was
 seen in which one of its two main
 trunks had been cut with an axe
 at ca. 2 ft. Lateral shoots had emerged
 below the cut & these had reached
 a height of ca. 13 ft., they were positioned
 across the direction of strike of the
 axe, so that the cut could not have
 been made had they been present at
 the time of cutting. Since Andado
 was settled in 1920, this represents
 a growth of 13 ft in ^{at most} 150 years, or ca. 3 in.
 with 13-branched trunk at ca. 4 ft.
 a year. A large tree at 3269.8, had
 a ^{circumference} ~~diameter~~ of ca. 6 ft. at ca. 16 in. from
 ground. Rabbits were said to be
 rare in this area & we saw no
 evidence of them around the trees.
 It seems unlikely that they would
 bucke a young plant more than a
 few inches in height. Lateral shoots
 from the saplings tend to collapse

sideways & still further increase
 the protection given to the stems.
 The plant seems amazingly adapted
 to survival in its environment.
 Young plants of all ages from ⁶10 in.
 upwards (a still younger may be
 present) seem sufficient to ensure
 normal replacement of the population
 in the absence of direct human
 interference. Growth rate of the
 older trees may be greater than of the
 young ones, since the stem
 lengths of the pendulous branchlets
 are much greater between branches.
 However, we do not know the rate
 of straightening of the branchlets.
 One of the highest trees at 3269.8 was
 estimated to be 40 ft. giving an
 age of ca. 160 yrs at 3 in./yr.